

Title (en)

USE OF A REFRIGERATING FLUID CYCLE IN PARTICULAR FOR A MOTOR VEHICLE AIR CONDITIONING UNIT

Title (de)

VERWENDUNG EINES KÄLTEMITTELKREISLAUFES INSBESONDERE FÜR DIE KLIMAANLAGE EINES FAHRZEUGES

Title (fr)

UTILISATION D'UNE BOUCLE DE FLUIDE REFRIGERANT NOTAMMENT POUR UNE INSTALLATION DE CLIMATISATION DE VEHICULE

Publication

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Application

**EP 98922888 A 19980428**

Priority

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Abstract (en)

[origin: FR2762898A1] The invention concerns a refrigerating fluid cycle (1) comprising the standard compressor (2), condenser (3), liquid/gas separating reservoir (5), expansion device (6) and evaporator (7). The invention is characterised in that a pre-expansion device (4) is placed between the condenser (3) and the reservoir (5), so as to reduce the fluid pressure until it reaches its saturation vapour pressure. The reservoir can thus contain a variable amount of liquid to compensate the fluid losses in the cycle by maintaining the sub-cooling temperature constant thereby enabling the heat load to be absorbed by the condenser.

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IPC 8 full level

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